

### **Amendments to the Abstract**

Please replace the Abstract of disclosure with the following rewritten Abstract. The amended and cleaned-up Abstract is also provided in a separate sheet.

Catalysts and catalyst systems useful for the olefin polymerization and copolymerization, and their synthesis procedure and usage are disclosed. These catalyst are a kind of novel complexes formed by transition metal from Group III group-3 to Group XI group-11 and multidentate ligand wherein the catalysts have the following having the formula:

